Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.89	0.25	0.88	0.26	0.75	0.38

Model Results

Predicted value: 3.56 days

Global applicability domain: Inside

Local applicability domain index: 5.18e-01

Confidence level: 9.36e-01

Nearest Neighbors from the Training Set

Image not found
Propylbenzene
Measured: 24.3
Predicted: 4.02

Image not found
1-Methyl-2-propylbenzene
Measured: 12.5
Predicted: 3.17

Image not found
3-Ethyltoluene
Measured: 12.5
Predicted: 3.26

Image not found
4-Ethyltoluene
Measured: 24.3
Predicted: 3.95

Image not found
1-Ethyl-2-methylbenzene
Measured: 24.3
Predicted: 3.88